

## Title (en)

SERVICE-BASED COMMUNICATION METHOD, UNIT AND SYSTEM, AND STORAGE MEDIUM

## Title (de)

DIENTSBASIERTES KOMMUNIKATIONSVERFAHREN, EINHEIT UND SYSTEM SOWIE SPEICHERMEDIUM

## Title (fr)

PROCÉDÉ, UNITÉ ET SYSTÈME DE COMMUNICATION BASÉS SUR UN SERVICE, ET SUPPORT D'INFORMATIONS

## Publication

**EP 3913892 A4 20220309 (EN)**

## Application

**EP 19910698 A 20191210**

## Priority

- CN 201910036028 A 20190115
- CN 2019124308 W 20191210

## Abstract (en)

[origin: US2021235260A1] Embodiments of this application disclose a service-based communication method, unit, and system, and a storage medium, to support a service framework of hybrid communication, thereby improving the service efficiency and flexibility of framework deployment. One method includes: obtaining a target communication address, the target communication address being a communication address corresponding to a service provided by a first destination service unit that needs to be accessed; transmitting a first service access request to the target communication address, the first service access request including a service type of the first destination service unit; and receiving a service access response from the target communication address.

## IPC 8 full level

**H04W 4/50** (2018.01); **H04L 61/4541** (2022.01); **H04W 4/48** (2018.01); **H04W 4/60** (2018.01); **H04W 24/02** (2009.01); **H04W 48/18** (2009.01)

## CPC (source: CN EP KR US)

**H04L 61/4541** (2022.05 - EP); **H04L 67/1004** (2013.01 - CN); **H04L 67/1023** (2013.01 - CN KR); **H04L 67/51** (2022.05 - CN EP KR); **H04L 67/60** (2022.05 - CN KR); **H04W 4/50** (2018.02 - EP US); **H04W 4/60** (2018.02 - EP US); **H04W 8/26** (2013.01 - US); **H04W 48/16** (2013.01 - US); **H04W 48/18** (2013.01 - US)

## Citation (search report)

- [X] ANONYMOUS: "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Study on Enhancements to the Service-Based Architecture (Release 16)", 3GPP STANDARD; TECHNICAL REPORT; 3GPP TR 23.742, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V16.0.0, 31 December 2018 (2018-12-31), pages 1 - 131, XP051591222
- [AP] ZTE: "Clarification on target address in service request message", vol. SA WG2, no. Split, Croatia; 20191011 - 20191018, 1 October 2019 (2019-10-01), XP051801050, Retrieved from the Internet <URL:https://ftp.3gpp.org/Meetings\_3GPP\_SYNC/SA2/Docs/S2-1908820.zip S2-1908820 501 Service Request.docx> [retrieved on 20191001]
- [A] ANONYMOUS: "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; System Architecture for the 5G System; Stage 2 (Release 15)", 3GPP STANDARD; TECHNICAL SPECIFICATION; 3GPP TS 23.501, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG2, no. V15.4.0, 18 December 2018 (2018-12-18), pages 1 - 236, XP051591141
- See also references of WO 2020147460A1

## Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

## Designated extension state (EPC)

BA ME

## DOCDB simple family (publication)

**US 12010760 B2 20240611**; **US 2021235260 A1 20210729**; CN 109639829 A 20190416; CN 109639829 B 20210330; EP 3913892 A1 20211124; EP 3913892 A4 20220309; JP 2022515653 A 20220221; JP 7204927 B2 20230116; KR 102493139 B1 20230130; KR 20210083354 A 20210706; WO 2020147460 A1 20200723

## DOCDB simple family (application)

**US 202117228633 A 20210412**; CN 201910036028 A 20190115; CN 2019124308 W 20191210; EP 19910698 A 20191210; JP 2021538217 A 20191210; KR 20217017263 A 20191210